

copy  
of original

M 045 / 002

REILLY INDUSTRIES, INC.

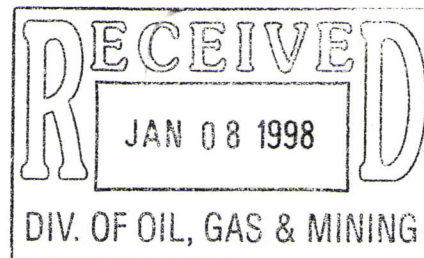
300 NORTH MERIDIAN STREET  
SUITE 1500  
INDIANAPOLIS, INDIANA 46204-1763



TELEPHONE 317 638-7531  
FAX 317 248-6472

December 31, 1997

Mr. Wayne Hedberg  
Permit Supervisor, Minerals Reclamation Program  
State of Utah, Department of Natural Resources  
Division of Oil, Gas, and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801



RE: DOGM File# M / 045 / 002  
Amendment to Operation Plan  
Reilly Wendover

Dear Mr. Hedberg:

At the request of Tom Munson, I am providing Form MR-REV to further inform you of our amendment to our Operation Plan (Rule R647-4-106) for our Reilly Wendover potash mining operation, DOGM File# M / 045 / 002. This form contains the same information that was provided to you in letter form when we met on December 18, 1997. With respect to reclamation and bonding, Attachment 3 of this submittal is a copy of our bond and permit transfer which together indicate that the construction of Pond VI will not require a change to our Reclamation Plan (Rule R647-4-110) or the Reclamation Surety (Rule R647-4-113).

If you have any questions, please contact me at (801) 665-2241 or John Jones at (317) 248-6427.

Very Truly Yours,

REILLY WENDOVER

Glenn D. Wadsworth  
Plant Manager

Enclosures: Form MR-REV

JRJ/jrj

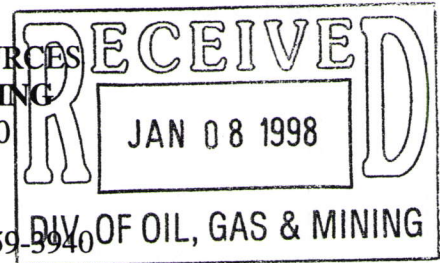
**FOR DOGM USE ONLY:**

File #:(M/S) \_\_\_\_\_ / \_\_\_\_\_ - \_\_\_\_ ( )

Approved: (mm/dd/yy) \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Bond Adjustment: (\$) \_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1594 West North Temple Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
Telephone: (801) 538-5291 Fax: (801) 359-3940

**NOTICE OF INTENTION TO REVISE MINING OPERATIONS**

When an operator intends to revise a mining operation, a **Notice of Intention to Revise Mining Operations** shall be filed with the Division. The notice must include all information, concerning the revision, that would have been required if it had been included in the original Notice of Intention (NOI). Ideally, the revision application should be a "stand-alone" document and include all information necessary to conduct a complete review.

"**REVISION**" means a **significant change** to the approved Notice of Intention to Conduct Mining Operations, which will increase the amount of land affected or alter the location and type of onsite surface facilities such that the nature of the reclamation plan will differ substantially from the approved Notice of Intention. Revisions require public notice and may require approval by the Board of Oil, Gas & Mining, if a change to the amount and/or form of the reclamation surety is necessary.

"**AMENDMENT**" is an **insignificant change** to the approved Notice of Intention. An amendment requires Division approval, but does not require public notice.

The Division will determine whether a request for change is significant or insignificant on an individual case-by-case basis.

**PLEASE NOTE:** When applicable, reference to previously approved information contained in the original NOI can be used (identify volume #'s, section, page #, plate/map #'s, & date of submittal). If possible, please attach appropriate copies of the referenced material as part of the application for revision.

Where possible, please format the application to revise mining operations (e.g., text, maps, tables, figures, etc.) to allow direct insertion into the original NOI as replacement pages, or as a separate addendum to the approved NOI.

**The operator is encouraged to use this form as a guide only. Please use extra sheets as necessary to complete each section that follows.**

The following information must be included as part of the application to revise mining operations:

**I. GENERAL INFORMATION (Rule R647-4-104)**

1. Name of Operator/Applicant: Glenn D. Wadsworth
2. Name of Company/Corporation: Reilly Wendover
3. Address: 2 1/2 Miles East of Frontage Road  
P.O. Box 580, Wendover, UT 84084-0580
4. Phone: ( 801 ) 665-2241
5. Name of Mine/Project: Pond VI
6. Previously Assigned File Number: (M) / S / 045 / 002  
\*from original Notice of Intention (NOI)
7. Location of Proposed Activities: (refer to Attachment 1, Legal Description of Permitted Lands)  
COUNTY Tooele  
TOWNSHIP \_\_\_\_\_, RANGE \_\_\_\_\_,  
SECTION(S) \_\_\_\_\_ (Identify to 1/4, 1/4 section)

8. Ownership of Land Surface:

Private (Fee) X Owners Name(s): Reilly Industries, Inc.  
(Private) \_\_\_\_\_  
State of Utah X Public Domain (BLM) X National Forest (USFS) \_\_\_\_\_

9. Ownership of Minerals:

Private (Fee) ☒ Owners Names(s): Reilly Industries, Inc.  
(Private) \_\_\_\_\_

State of Utah ☒ Public Domain (BLM) ☒ National Forest (USFS) \_\_\_\_\_

10. Utah Mining Claim Number(s) None

11. Utah State Lease Numbers(s) Refer to Attachment 2, Lease Numbers

**II. MAPS, DRAWINGS & PHOTOGRAPHS (Rule R647-4-105)**

Appropriate maps, drawings, plates, etc. should be provided that are pertinent to the revision, or amendment of mining operations. Please provide a revised map outlining the previously approved and the new proposed disturbed area boundaries. These materials should be prepared according to the requirements of Rule R647-4-105.

List map numbers or appendices used for this section: #970416-001

**III. OPERATION PLAN (Rule R647-4-106)**

Provide a narrative description, referencing any appropriate attached maps or drawings, of the pertinent details of the proposed change(s) in the operating plan. Specific details which are different from those described in the original approved NOI should be included. Identify additional proposed surface disturbance. Include the total number of acres to be affected by the revision or amendment. All appropriate information requirements as outlined under Rule R647-4-106 must be addressed in the application.

Once completed, solar evaporation will take place in Pond VI (approximately  
8400 acres to be constructed) rather than Pond V as shown on the attached  
drawing.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### IV. IMPACT ASSESSMENT (Rule R647-4-109)

Please provide information as required under Rule R647-4-109 regarding projected potential surface and/or subsurface impacts which may be associated with the proposed change(s) in mining operations.

No projected potential surface and/or subsurface impacts

are known to exist due to the proposed change in  
mining operations

#### V. RECLAMATION PLAN (Rule R647-4-110)

Describe how you intend to stabilize the disturbed areas upon cessation of operations. This includes backfilling excavations, grading, sloping or contouring, permanent stabilization of slopes or roads, permanent closure of roads, removal of structures and improvements, etc. Provide cross section of the proposed final contour of the land after reclamation.

Please outline any proposed changes to the originally approved reclamation plan. Appropriate sections of Rule R647-4-110 must be addressed as they may apply to the proposed change(s) in mining operations.

The construction of the new pond will not change the existing  
reclamation plan as referred to in Attachment 3

## VI. VARIANCE (Rule R647-4-112)

Please identify any requests for variance from the requirements of rules R647-4-107, -108, or -111. A narrative justification must also be included for each variance request. A discussion of any alternate methods or other mitigating measures should be included, if applicable.

None requested

## VII. SURETY (Rule 647-4-113)

### Reclamation Surety:

Indicate whether the proposed activities will change the amount of work required to reclaim the minesite. If significant changes will result, then an itemized reclamation cost estimate should be provided (and attached) with direct reference to the specifics of the proposed change(s). This information will be used to assist the Division in determining any reclamation surety adjustments required for the operation.

The new pond construction will not change the amount of work required to  
reclaim the site

### VIII. SIGNATURE REQUIREMENT

The application for permit change must include a section similar to the following example:

I hereby certify that the foregoing is true and correct.

Glenn D. Wadsworth  
Signature of Authorized Officer/Representative:

Glenn Wadsworth  
Name (Typed or Print):

Plant Manager  
Title of Authorized Officer/Representative:

Date: 01/08/98

**LEGAL DESCRIPTION OF PERMITTED LANDS****REILLY WENDOVER**

(90,559± acres)

ESTIMATED  
ACREAGE**I. FEE LANDS OWNED BY OPERATOR****58,239**Township 1 South, Range 17 West, S.L.B.M., Tooele County, Utah 900

Section 7:	Lots 4, 5	300
Section 18:	Lots 1-4, W $\frac{1}{2}$ E $\frac{1}{2}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$	280
Section 19:	Lots 1-4, NE $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$	240
Section 30:	Lots 1, 5, 6	80

Township 1 North, Range 18 West, S.L.B.M. 80

Section 36:	W $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$	80
-------------	---	----

Township 1 South, Range 18 West, S.L.B.M., Tooele County, Utah 18,760

Section 1:	Lots 3, 4, S $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$	440
Section 2:	ALL	640
Section 3:	E $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$	200
Section 9:	SE $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$	360
Section 10:	ALL	640
Section 11:	ALL	640
Section 12:	ALL	640
Section 13:	ALL	640
Section 14:	ALL	640
Section 15:	ALL	640
Section 16:	ALL	640
Section 17:	ALL	640
Section 18:	ALL	640
Section 19:	ALL	640
Section 20:	ALL	640
Section 21:	ALL	640
Section 22:	ALL	640
Section 23:	ALL	640
Section 24:	ALL	640
Section 25:	ALL	640
Section 26:	ALL	640
Section 27:	ALL	640
Section 28:	ALL	640
Section 29:	ALL	640
Section 30:	ALL	640
Section 31:	ALL	640
Section 32:	ALL	640
Section 33:	ALL	640
Section 34:	ALL	640
Section 35:	ALL	640
Section 36:	NE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ , W $\frac{1}{2}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$	480

## ATTACHMENT 1

Township 1 South, Range 19 West, S.L.B.M., Tooele County, Utah

9,039

Section 4:	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40
Section 9:	NE $\frac{1}{4}$ MW $\frac{1}{4}$	40
Section 13:	ALL except for approximately 6250 square feet BEGINNING at a point on the northerly line of the 200 foot wide right-of-way for old U.S. 40 from which the southeast corner of said Section 13 bears South 33°43'28" East 1806.73 feet; thence along said northerly line North 88°31'10" West 125.00 feet; thence leaving said northerly line North 01°28'50" East 50.00 feet; thence South 88°31'10" East 125.00; thence South 01°28'50" West 50.00 feet to the POINT OF BEGINNING.	639
Section 14:	S $\frac{1}{2}$	320
Section 15:	S $\frac{1}{2}$	320
Section 21:	ALL	640
Section 22:	ALL	640
Section 23:	ALL	640
Section 24:	ALL	640
Section 25:	ALL	640
Section 26:	ALL	640
Section 27:	ALL	640
Section 28:	ALL	640
Section 33:	ALL	640
Section 34:	ALL	640
Section 35:	ALL	640
Section 36:	ALL	640

Township 2 South, Range 18 West, S.L.B.M., Tooele County, Utah

11,260

Section 1:	Lots 3, 4, SW $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$	140
Section 2:	ALL	640
Section 3:	ALL	640
Section 4:	ALL	640
Section 5:	ALL	640
Section 6:	ALL	640
Section 7:	ALL	640
Section 8:	ALL	640
Section 9:	ALL	640
Section 10:	ALL	640
Section 11:	W $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , W $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , W $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$	320
Section 15:	W $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$	240
Section 16:	N $\frac{1}{2}$	320
Section 17:	NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , W $\frac{1}{2}$ ; (ALL)	640
Section 18:	ALL	640
Section 19:	ALL	640
Section 20:	ALL	640
Section 29:	ALL	640
Section 30:	ALL	640
Section 31:	ALL	640

# ATTACHMENT 1

Township 2 South, Range 19 West, S.L.B.M., Tooele County, Utah 16,200

Section 1:	ALL	640
Section 2:	ALL	640
Section 3:	ALL	640
Section 4:	ALL	640
Section 5:	Lot 1, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$	200
Section 8:	E $\frac{1}{2}$	320
Section 9:	ALL	640
Section 10:	ALL	640
Section 11:	ALL	640
Section 12:	ALL	640
Section 13:	ALL	640
Section 14:	ALL	640
Section 15:	ALL	640
Section 17:	E $\frac{1}{2}$	320
Section 20:	E $\frac{1}{2}$	320
Section 21:	ALL	640
Section 22:	ALL	640
Section 23:	ALL	640
Section 24:	ALL	640
Section 25:	ALL	640
Section 26:	ALL	640
Section 27:	ALL	640
Section 28:	ALL	640
Section 29:	ALL	640
Section 30:	E $\frac{1}{2}$ E $\frac{1}{2}$	160
Section 31:	E $\frac{1}{2}$ E $\frac{1}{2}$	160
Section 33:	ALL	640
Section 34:	ALL	640
Section 35:	ALL	640

Township 3 South, Range 18 West, S.L.B.M., Tooele County, Utah 640

Section 5:	Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$	320
Section 6:	Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$	320

Township 3 South, Range 19 West, S.L.B.M., Tooele County, Utah 1,360

Section 1:	Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$	320
Section 2:	Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$	320
Section 4:	Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$	320
Section 5:	Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$	320
Section 6:	Lots 1, SE $\frac{1}{4}$ NE $\frac{1}{4}$	80

ATTACHMENT 1

**II. FEDERAL LANDS UNDER POTASH LEASE TO OPERATOR**

**ESTIMATED  
ACREAGE  
24,800**

<u>Township 1 North, Range 16 West, S.L.B.M., Tooele County, Utah</u>		1,520
Section 6:	Lots 5-7, SE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$	240
Section 7:	Lots 1-4, E $\frac{1}{2}$ W $\frac{1}{2}$	320
Section 18:	Lots 1-4, E $\frac{1}{2}$ SW $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$	320
Section 19:	Lots 1-4, E $\frac{1}{2}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$	320
Section 30:	Lots 1-4, E $\frac{1}{2}$ W $\frac{1}{2}$	320
<u>Township 1 South, Range 17 West, S.L.B.M., Tooele County, Utah</u>		9,060
Section 3:	Lots 1-4, SW $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ ; (ALL)	640
Section 4:	SE $\frac{1}{4}$	160
Section 7:	Lots 1, 2, E $\frac{1}{2}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$	500
Section 8:	E $\frac{1}{2}$ SE $\frac{1}{4}$ , E $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$	520
Section 9:	ALL	640
Section 10:	ALL	640
Section 11:	W $\frac{1}{2}$	320
Section 15:	W $\frac{1}{2}$	320
Section 17:	ALL	640
Section 18:	E $\frac{1}{2}$ , E $\frac{1}{2}$ E $\frac{1}{2}$ NW $\frac{1}{4}$	360
Section 19:	E $\frac{1}{2}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$	400
Section 20:	NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , E $\frac{1}{2}$ ; (ALL)	640
Section 21:	W $\frac{1}{2}$ , W $\frac{1}{2}$ E $\frac{1}{2}$	480
Section 28:	W $\frac{1}{2}$ , W $\frac{1}{2}$ E $\frac{1}{2}$	480
Section 29:	ALL	640
Section 30:	Lot 4, E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$	560
Section 31:	Lots 1-4, E $\frac{1}{2}$ W $\frac{1}{2}$ , E $\frac{1}{2}$ ; (ALL)	640
Section 33:	W $\frac{1}{2}$ , W $\frac{1}{2}$ E $\frac{1}{2}$	480
<u>Township 1 North, Range 17 West, S.L.B.M., Tooele County, Utah</u>		6,280
Section 1:	SE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$	200
Section 11:	SE $\frac{1}{4}$	160
Section 12:	ALL	640
Section 13:	ALL	640
Section 14:	N $\frac{1}{2}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ ; (ALL)	640
Section 15:	SE $\frac{1}{4}$	160
Section 22:	E $\frac{1}{2}$	320
Section 23:	ALL	640
Section 24:	ALL	640
Section 25:	ALL	640
Section 26:	ALL	640
Section 27:	E $\frac{1}{2}$ E $\frac{1}{2}$	160
Section 34:	E $\frac{1}{2}$ SE $\frac{1}{4}$ , E $\frac{1}{2}$ NE $\frac{1}{4}$	640
Section 35:	ALL	640

# ATTACHMENT 1

Township 2 South, Range 17 West, S.L.B.M., Tooele County, Utah 4,800

Section 4:	Lots 2-4, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$	480
Section 5:	ALL	640
Section 6:	Lots 1-7, E $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ ; (ALL)	640
Section 7:	Lots 1-4, E $\frac{1}{2}$ W $\frac{1}{2}$ , E $\frac{1}{2}$ ; (ALL)	640
Section 8:	ALL	640
Section 9:	W $\frac{1}{2}$ , W $\frac{1}{2}$ E $\frac{1}{2}$	480
Section 17:	ALL	640
Section 18:	Lots 1-4, E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ ; (ALL)	640

Township 2 South, Range 18 West, S.L.B.M., Tooele County, Utah 3,140

Section 1:	Lots 1, 2, S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$	500
Section 11:	E $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$	320
Section 12:	ALL	640
Section 13:	ALL	640
Section 14:	ALL	640
Section 15:	E $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$	400

**III. UTAH STATE LANDS UNDER LEASE TO OPERATOR PURSUANT TO UTAH  
STATE SURFACE USE LEASE AGREEMENT NO. 130**

ESTIMATED  
ACREAGE

1,280<sup>1</sup>

Township 1 South, Range 17 West, S.L.B.M., Tooele County, Utah

Section 7: SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$   
 Section 8: S $\frac{1}{2}$   
 Section 9: S $\frac{1}{2}$   
 Section 10: SW $\frac{1}{4}$   
 Section 15: NW $\frac{1}{4}$  and that portion of the SW $\frac{1}{4}$  lying north of the north  
 nonaccess line of interstate highway I-80  
 Section 17: N $\frac{1}{2}$  and that portion of the S $\frac{1}{2}$  lying north of the north nonaccess  
 line of interstate highway I-80  
 Section 18: NE $\frac{1}{4}$ , E $\frac{1}{2}$ e $\frac{1}{2}$ NW $\frac{1}{4}$  and that portion of the SE $\frac{1}{4}$  lying north of the  
 north nonaccess line of interstate highway I-80

<sup>1</sup>This property  
in T1S, R17W  
is accounted for  
as part of the  
federal lease  
lands since the  
properties and  
lease agreement  
overlap the  
federal lease  
already  
documented.

Township 1 South, Range 18 West, S.L.B.M., Tooele County, Utah

640

Section 7: Lots 1-4, E $\frac{1}{2}$ W $\frac{1}{2}$ , E $\frac{1}{2}$ ; (ALL)

640

Township 1 South, Range 19 West, S.L.B.M., Tooele County, Utah

640

Section 12: ALL

640

## ATTACHMENT 1

	ESTIMATED ACREAGE
<b>IV. UTAH STATE LANDS UNDER POTASH LEASE TO OPERATOR</b>	<b>6,240</b>
<u>Township 1 North, Range 17 West, S.L.B.M., Tooele County, Utah</u>	960
Section 32:    ALL	640
Section 36:    W½	320
<u>Township 1 South, Range 17 West, S.L.B.M., Tooele County, Utah</u>	1,600
Section 2:    Lots 3, 4, S½NW¼, SW¼; (W½)	320
Section 16:    ALL	640
Section 32:    ALL	640
<u>Township 1 South, Range 18 West, S.L.B.M., Tooele County, Utah</u>	160
Section 36:    S½SE¼, NE¼SE¼, E½NW¼SE¼, E½SE¼NE¼	160
<u>Township 2 South, Range 17 West, S.L.B.M., Tooele County, Utah</u>	320
Section 16:    W½	320
<u>Township 2 South, Range 18 West, S.L.B.M., Tooele County, Utah</u>	960
Section 16:    S½	320
Section 32:    ALL	640
<u>Township 2 South, Range 19 West, S.L.B.M., Tooele County, Utah</u>	1,920
Section 16:    ALL	640
Section 32:    ALL	640
Section 36:    ALL	640
<u>Township 3 South, Range 19 West, S.L.B.M., Tooele County, Utah</u>	320
Section 2:    Lots 1-4, S½N½; (N½)	320

Information presented has been referenced from the following:

1. EXHIBIT C, Application for transfer of mined land reclamation permit #ACT/045/002 stamped June 8, 1988
2. EXHIBIT B, 1997 Sales agreement

**UTAH STATE LEASE NUMBERS**

REILLY WENDOVER

MINERAL LEASES

SURFACE USE LEASE AGREEMENTS

ML-18959	
ML-18960	70
ML-18961	130
ML-18962	71
ML-18963	72
ML-18964	73
ML-18965	74
ML-18966	75
ML-18967	76
ML-19781	77
ML-19782	78
ML-19783	79

JUN 27 1988

(August 1986)  
(Noncancel)DIVISION OF  
OIL, GAS & MININGBond Number U 67 30 74  
Permit Number \_\_\_\_\_  
Mine Name \_\_\_\_\_STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
(801) 538-5340

## THE MINED LANDS RECLAMATION ACT

## BOND

\*\*\*\*\*

The undersigned REILLY TAR & CHEMICAL CORPORATION  
as principal, and UNITED PACIFIC INSURANCE COMPANY as  
surety, hereby jointly and severally bind ourselves, our heirs, administrators,  
executors, successors and assigns unto the State of Utah, Division of Oil, Gas  
and Mining in the penal sum of - - - FORTY-NINE THOUSAND ONE HUNDRED AND 00/100 -  
- - - - - dollars (\$ 49,100.00 ).

The principal estimated in the Mining and Reclamation Plan filed with the  
Division of Oil, Gas and Mining on the \_\_\_\_\_ day of \_\_\_\_\_  
, 19 \_\_\_\_\_, that 67,821 acres of land will be disturbed  
by this mining operation in the State of Utah. A description of the disturbed  
land is attached hereto as Exhibit "A."

When the Division has determined that the principal has satisfactorily  
reclaimed the above-mentioned lands affected by mining in accordance with the  
approved Mining and Reclamation Plan and has faithfully performed all  
requirements of the Mined Land Reclamation Act, and complied with the Rules  
and Regulations adopted in accordance therewith, then this obligation shall be  
void; otherwise it shall remain in full force and effect until the reclamation  
is completed as outlined in the approved Mining and Reclamation Plan.

If the approved plan provides for reclamation of the land affected on a  
piecemeal or cyclic basis, and the land is reclaimed in accordance with such  
plan, then this bond may be reduced periodically.

In the converse, if the plan provides for a gradual increase in the area  
of the land affected or increased reclamation work, then this bond may  
accordingly be increased with the written approval of the surety company.

This bond is noncancellable by the surety at any time for any reason  
including, but not limited to nonpayment of premium or bankruptcy of the  
permittee during the period of liability.

Page 2  
NONCOAL  
MR-5

NOTE: Where one signs by virtue of Power of Attorney for a surety company, such Power of Attorney must be filed with this bond. If the principal is a corporation, the bond shall be executed by its duly authorized officer.

Dated this 18<sup>th</sup> day of July, 1988.

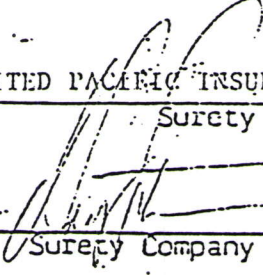
State of Utah  
Board of Oil, Gas and Mining

  
Gregory P. Williams, Chairman

REILLY TAR & CHEMICAL CORP  
Principal (Company)

By REH  
Company Officer - Position  
EXECUTIVE

Date: June 21, 1988

  
UNITED PACIFIC INSURANCE COMPANY  
Surety (Company)

By Robert P. Stimpson  
Surety Company Officer - Position  
Robert P. Stimpson, Attorney-in-Fact

DATE: June 1, 1988

APPROVED AS TO FORM:

By \_\_\_\_\_  
Assistant Attorney General



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bongarter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 10, 1988

TO: The Board of Oil, Gas and Mining

THRU: Kenneth E. May, Associate Director, Mining *KE May*

THRU: Lowell P. Braxton, Program Administrator *LPB*

FROM: D. Wayne Hedberg, Senior Reclamation Hydrologist *DW Hedberg* for DWH

RE: Permit Transfer, Bonneville Potash Evaporation Plant, M/045/002,  
Tooele County, Utah

Attached is an Application for Permit Transfer for the Bonneville Potash Evaporation Facility. The mining facility will be transferred from Kaiser Aluminum and Chemical Corporation to Reilly Tar and Chemical Corporation. The new operator has changed the name of the potash evaporation plant to the "Reilly Wendover" facility.

This permit contains 87,821 acres of surface area, principally comprised of a series of dikes and canals which impound and concentrate potash brines which originate at very shallow depths below the land surface. The salt evaporites are refined and processed onsite. The mining operation is located on federal, state and private property.

The approved reclamation plan does not require regrading of the impoundment dikes and canals. The pond dikes will breach and the canals will fill in naturally. The dikes will gradually weather to a low, rounded configuration. Very little, if any vegetation exists in the area. Recent field inspections by Division personnel concur with these determinations. The reclamation bond will be used primarily for reclamation of the processing facilities site. Reclamation will include removal of pumps and power lines in the pond areas and removal of processing equipment and associated plant facilities not having an approved postmining use.

The existing reclamation bond for this permit is \$2500. A revised reclamation surety estimate of \$39,100 (1988 dollars) has been calculated for reclaiming the potash processing facilities site. This bond will be provided to the Division within 30 days of the Board's approval of the permit transfer. The form of the reclamation surety will be a Surety Bond. The bond has been calculated for a 10-year renewal period at a 2.3% annual inflation rate and totals \$49,100 (1998 dollars). The permit transfer will not become effective until the reclamation surety is received by the Division and signed by the Board.

A copy of the reclamation estimate is attached for your reference. It is recommended that the permit transfer be approved with a condition that the revised surety bond be received within 30 days of the Board's formal approval. Thank you for your time and consideration of this permit transfer request.

dwh  
8946R/47

## DIVISION OF OIL, GAS AND MINING

## BOND ESTIMATE

OPERATOR: Reilly Tar & Chemical Corporation  
 MINE NAME: Reilly Wendover  
 LOCATION: Wendover, Utah  
 COUNTY: Tooele  
 DATE: 06-10-88

OPERATION	AMOUNT	RATE	COST
A. CLEAN-UP			
1. Removal of structures & equipment.	2-Trucks	\$900/wk	\$ 2,700
2. Removal of trash & debris.	1-Loader	\$900/wk	\$ 2,700
3. Leveling of auxillary facilities, pads & access roads.	(3 weeks)		
B. REGRADING/RECONTOURING			
1. Earthwork including haulage & grading of spoils, waste & overburden.	1-D7 Dozer	\$4000/wk	\$16,000
2. Recontouring of excavations and spreading of surficial materials.	(4 weeks)		
C. LABOR			
1. Supervision	5 Man Week	\$15.00/hr	\$ 3,000
2. Labor	30 Man Week	\$11.50/hr	\$13,800
	SUBTOTAL		\$35,500
D. CONTINGENCY (10%)			3,600
	TOTAL (1988 dollars)		\$39,100
E. INFLATION			
2.3% for five (5) years (1993 dollars)			\$43,800
2.3% for ten (10) years (1998 dollars)			\$49,100

It is recommended that Reilly Tar bond for a ten (10) year period if a Surety Bond can be obtained. If an Irrevocable Letter of Credit will be used as a collateral bond, it is recommended that it be posted for a five (5) year period. The letter of credit must be self-renewing for a five year period. The bank can cancel within that five year period if the Division is provided with a written notice, 120 days prior to cancellation.